

ANALYTICAL LABORATORIES
LOUISVILLE TESTING LABORATORY, INC.

1401 WEST CHESTNUT STREET

LOUISVILLE, KY. 40203

AUG 9 1984

Certificate of analysis No. 0430

Date received 7/31/84

Marks Sludge Sample

From Brown's Plating Service

pH

7.7

Phenols

None Detected

Cyanide

less than .1 ppm

TOXIC METALS ON LEACHATE

Arsenic

<.01 ppm

Cadmium

<.01 ppm

Chromium

<.01 ppm

Lead

<.01 ppm

Mercury

<.001 ppm

Selenium

<.01 ppm

Silver

<.01 ppm

Barium

<.01 ppm

HSK
for
COOPER & NICKER Report

Reported 8/8/84

LOUISVILLE TESTING LABORATORY, INC.

By Kenneth Smith, Jr.

CHARLOTTE E. BALDWIN
SECRETARY



MARTHA LAYNE COLLINS
GOVERNOR

COMMONWEALTH OF KENTUCKY
NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

FORT BOONE PLAZA
18 REILLY ROAD
FRANKFORT, KENTUCKY 40601

January 28, 1986

RECEIVED
DIVISION OF
WASTE MANAGEMENT
FEB 3 8 49 AM '86

TO: Division of Waste Management
#18 Reilly Road, Fort Boone Plaza
Frankfort, Kentucky 40601

Re: Brown's Plating Service
Paducah, Kentucky

ATTN: Carl Schroeder

FROM: William E. Davis, Director *WED*
Division of Environmental Services

Sample Collector: Rose Burton Date: 11/15/85 Time: 1350

Sample Identification: Wastewater Discharge to Lagoon

REPORT OF ANALYSIS

Report No: B02-1509

SA No: 85-3371

Received: 11/19/85 Finished: 01/28/86 Approved: 01/28/86

Results:

<u>PARAMETER</u>	<u>CONCENTRATION (mg/l)</u>
Cyanide	0.080
Arsenic	< 0.001
Barium	0.020
Cadmium	0.003
Chromium	2.34
Lead	0.001
Mercury	0.0006
Nickel	8.80
Selenium	0.002
Silver	< 0.001

ENDANGERED, THREATENED, AND RARE PLANTS AND ANIMALS (1992)
WITHIN A 4-MILE RADIUS OF

BROWN'S PLATING SERVICE
PADUCAH, KENTUCKY

Endangered (E), Threatened (T)
Special Concern (S) or proposed (C2)

KNPC, Federal
Status

THREE TO FOUR NOMINAL MILE RADIUS

- | | | |
|----|---|---|
| 1. | <u>Hybognathus havi</u> (Cypress Minnow) | E |
| 2. | <u>Camparellus puer</u> (Crayfish) | E |
| 3. | <u>Erimyzon sucetta</u> (Lake Chubsucker) | T |
| 4. | <u>Heterotheca latifolia</u> (Golden Aster) | S |
| 5. | <u>Carex triangularis</u> (Sedge) | S |